KARNATAKA TEST HOUSE PVT. LTD.

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Report No. : KTH/CORE/0490-0800/2014-2015 **Date: 10.06.2014**

TEST REPORT ON PRECAST CONCRETE SLAB

To,

The Assistant Executive Engineer,
T.Dasarahalli Sub Division,
Bagalgunte, BBMP, Bangalore.

Source of Sample : Supplied by the Customer.
Name of Project* : Improvements and construction of culverts and damaged covering slab in Dasarahalli, ward No.15.
Name of Contractor* : Mr. Pradeep M.R, Bangalore.
Sample Identification*: Slab Size – (775x620x98) mm
Sample Received on : 07.06.2014.
Technical Reference : IS : 456 – 2000, IS: 516 – 1959 (Reaffirmed in 1999) and SP 24-1983

Sl. No.	Core length ** (l) (mm)	Core Dia (d) (mm)	Core Wt.** (Kg.)	Failure Load (KN)	Core Comp. Strength (N/mm^2)	Corrected Cube Comp. Strength (N/mm^2) • (Dia <100mm	l/d Ratio	Correction factor for (l/d) Ratio•	Corrected Cyl. Comp. Strength (N/mm^2)	Equivalent Cube Comp. Strength•• (N/mm^2)
1.	97	68	0.794	18	4.96	5.36	1.426	0.937	5.02	**6.27**

** Core length / Weight after trimming.
*As furnished by the Customer.
• For l/d ratio, correction factors are as per IS: 516 – 1959 (Reaffirmed in 1999)
•• Equivalent cube compressive strength = 1.25 x corrected cylindrical compressive strength as per IS: 516 – 1959 Clause 5.6.1 (Reaffirmed in 1999).
•After applying correction factor for diameter of core which is less than 100mm (i.e. strength of core x 1.08) as per SP 24-1983, Clause 16.3.2.

Note : As per IS 456-2000, clause 17.4.3, Concrete in the member represented by a core test shall be considered acceptable if the average equivalent cube strength of the cores is equal to at least 85 percent of the cube strength of the grade of concrete specified for the corresponding age and no individual core has a strength less than 75 percent.

For **KARNATAKA TEST HOUSE PVT. LTD.**

(SREENIVASA.C.)
TECHNICAL MANAGER.

KARNATAKA TEST HOUSE PVT. LTD. BANGALORE-54

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ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು - 560 073

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2) The results listed refer only to the tested samples and applicable parameters.